

AMENDMENTS TO THE SPECIFICATION

Replace the paragraph beginning at page 19, line 20 with the following:

FIG. 6 provides a side-by-side comparison of a right ventricular ring IEGM for a single heart beat for normal sinus rhythm and for cardiac ischemia, again obtained from a canine test subject. More specifically, solid line 314 illustrates the heart beat during normal sinus rhythm (i.e. baseline) whereas dashed line 312 illustrates the heart beat obtained five minutes after artificial occlusion of the left anterior descending coronary artery (LAD). In the figures, reference numeral 316 identifies a T-wave window, centered at each T-wave peak, in which the total energy and maximum slope is actually calculated. The T-wave window (TW) is 60 milliseconds (ms) in both cases. The integral of T-wave energy within the window was determined to be 364 ~~μ V-seconds~~ μ V-seconds during the ischemia but only 124 ~~μ V-seconds~~ μ V-seconds during normal sinus rhythm. Max dV/dt during ischemia was determined to be -0.22 V/second but only -0.08 V/second during normal sinus rhythm. Note that maximum dV/dt here refers to the maximum positive or maximum negative slope, whichever is larger in magnitude.